



JFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/705,522
Filing Date	11/10/2003
First Named Inventor	Jere F. Irwin
Art Unit	3725
Examiner Name	Mark Rosenbaum
Attorney Docket Number	IR3-065

**ENCLOSURES (Check all that apply)**

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement  
with 3 foreign  
cited references
- ☐ Certified Copy of Priority  
Document(s)
- ☐ Reply to Missing Parts/  
Incomplete Application
  - ☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_
- ☐ Landscape Table on CD

- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify  
below):  
Return receipt postcard; check in  
the amount of \$180.00 for IDS

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Wells St. John P.S. (Customer No. 021567)
Signature	
Printed name	Keith D. Grzelak
Date	2/04/05

Reg. No. 37,144

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

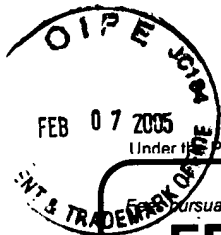
Signature

Typed or printed name Terry J.. Gruber

Date 2/4/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

## Complete if Known

Application Number	107705,522
Filing Date	11/10/2003
First Named Inventor	Jere F. Irwin
Examiner Name	Mark Rosenbaum
Art Unit	3725
Attorney Docket No.	IR3-065

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Filing fee for IDS \$180.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	37,144	Telephone	509/624-4276
Name (Print/Type)	Keith D. Grzelak	Date	2/04/05		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Inventor(s): **Jere F. Irwin**

Title: **"Comminuting Apparatus"**

Assignee: **None**

Attorney Docket No.: **IR3-065**

Serial No.: **10/705,522**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

The listed references were cited by, or submitted to, the Office in the parent, co-pending application of the above-identified application. The above-identified application is a continuation application of co-pending application Serial No. 09/419,822, filed October 15, 1999, and which is now Patent No. 6,644,570 B1, issued November 11, 2003. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP§ 609(2).

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: 2/04/05

By: 

Keith D. Grzelak  
Reg. No. 37,144  
WELLS ST. JOHN P.S.  
601 W. First Ave., Suite 1300  
Spokane, WA 99201-3828  
(509) 624-4276

02/09/2005 RFEKADU1 00000030 10750522 ✓

01 FC:1806 180.00 OP

02/11/2005 RFEKADU1 00000040 10705522

01 FC:1806 180.00 OP  
S:VR3\065VD1.doc 2/4/05

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. IR3-065		SERIAL NO. 10705,522		
<b>LIST OF REFERENCES BY APPLICANT</b> (Use several sheets if necessary)				APPLICANT Jere F. Irwin				
				FILING DATE February 4, 2005		GROUP 3725		
<b>U.S. PATENT DOCUMENTS</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,893,523	04/13/99	Irwin	241	60	06/13/97	
	AB	5,860,607	01/19/99	Irwin	241	80	01/08/97	
	AC	5,836,527	11/17/98	Irwin, et al.	241	49	06/06/94 (PCT)	
	AD	5,427,321	06/27/95	Takahashi, et al.	241	73	05/27/93	
	AE	5,248,100	09/28/93	Arakawa	241	34	12/30/91	
	AF	5,141,168	08/25/92	Pepper	241	236	01/03/92	
	AG	5,039,020	08/13/91	Leuthold, et al.	241	30	12/21/89	
	AH	4,687,144	08/18/87	Irwin, et al.	241	49	06/13/86	
	AI	4,422,581	12/27/83	Chryst	241	66	01/15/81	
	AJ	4,355,766	10/26/82	Wigand	241	222	10/17/80	
	AK	4,321,027	03/23/82	Sloehr, et al.	425	216	06/18/79	
	AL	4,161,296	07/17/79	Parker, et al.	241	152 A	06/09/78	
	AM	4,134,556	01/16/79	Ehrlich, et al.	241	79.3	09/19/77	
	AN	3,627,211	12/14/71	Leach	241	3	07/25/69	
	AO	3,310,059	03/21/67	Grinzinger			09/28/64	
	AP	3,229,698	01/18/66	Johansson, et al.			03/19/64	
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	AQ	WO 95/33566	12/14/95	PCT				
	AR	SU 1556-745-A	04/15/90					
	AS	DE 3614-028-A1	10/29/87					
<b>OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AT							
	AU							
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. IR3-065	SERIAL NO. 10/705,522		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Jere F. Irwin			
				FILING DATE February 4, 2005	GROUP 3725		
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BA	3,055,597	09/25/62	Mund			06/05/61
	BB	2,595,117	04/29/52	Ahlmann			03/06/51
	BC	745,176	02/22/56	Grinsted	50, 59		07/05/54
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						
	BN						
	BO						
	BP						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclasses	Translation
							Yes      No
	BQ						
	BR						
	BS						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	BT						
	BU						
EXAMINER				DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							